

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: December 3, 2000, 18:59:08 : Search time 328.13 Seconds
(without alignments)
2843.411 Million cell updates/sec

Title: US-09-227-881-3

Perfect score: 6169

Sequence: 1 attctgttcagtttaccctc.....ctgtgcctccatcgtcag 6169

Scoring table:

IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 262060 seqs, 75620727 residues

Total number of hits satisfying chosen parameters: 524120

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents_NA:*
1: /cgn2_6/ptodata/2/lna/5A.COMB.seq:*
2: /cgn2_6/ptodata/2/lna/5B.COMB.seq:*
3: /cgn2_6/ptodata/2/lna/5C.COMB.seq:*
4: /cgn2_6/ptodata/2/lna/5D.COMB.seq:*
5: /cgn2_6/ptodata/2/lna/6.COMB.seq:*
6: /cgn2_6/ptodata/2/lna/PCtUS.COMB.seq:*
7: /cgn2_6/ptodata/2/lna/Backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	640.4	10.4	1999	US-08-645-900A-2	Sequence 2, Appl1
2	640.4	10.4	1999	US-08-882-238A-2	Sequence 2, Appl1
3	640.4	10.4	1999	US-08-667-790A-2	Sequence 2, Appl1
4	638.8	10.4	1985	US-08-791-347-1	Sequence 1, Appl1
5	604.4	9.8	1512	US-08-645-900A-3	Sequence 3, Appl1
6	604.4	9.8	1512	US-08-882-238A-3	Sequence 3, Appl1
7	604.4	9.8	1512	US-08-667-790A-3	Sequence 3, Appl1
8	601.8	9.8	1509	US-08-791-347-2	Sequence 2, Appl1
9	556.6	9.0	1668	PCR-US95-14024-2	Sequence 2, Appl1
10	556.6	9.0	1669	US-08-336-233A-2	Sequence 2, Appl1
11	556.6	9.0	1669	US-08-649-432-2	Sequence 2, Appl1
12	519.6	8.4	1491	US-08-336-235A-3	Sequence 3, Appl1
13	519.6	8.4	1491	US-08-649-432-3	Sequence 3, Appl1
14	519.6	8.4	1491	PCR-US95-14024-3	Sequence 3, Appl1
15	204	3.3	643	US-08-791-347-15	Sequence 15, Appl1
16	174.2	2.8	282	US-08-133-629-8	Sequence 8, Appl1
17	173.6	2.8	17327	US-07-906-871-15	Sequence 15, Appl1
18	169	2.7	2115	US-08-395-800A-7	Sequence 7, Appl1
19	165	2.7	2115	US-08-480-784-20	Sequence 20, Appl1
20	164.6	2.7	6769	US-08-483-553-20	Sequence 20, Appl1
21	164.6	2.7	6769	US-08-487-002-20	Sequence 20, Appl1
22	164.6	2.7	6769	US-08-483-554B-20	Sequence 20, Appl1
23	164.6	2.7	6769	US-08-488-511B-20	Sequence 20, Appl1
24	164.6	2.7	6769	PCR-US95-10202-20	Sequence 20, Appl1
25	164.6	2.7	6769	PCR-US95-10203-20	Sequence 20, Appl1
26	164.6	2.7	6769	PCR-US95-10203-20	Sequence 20, Appl1

27	164.6	2.7	6769	PCR-US95-10220-20	Sequence 20, Appl1
28	163.6	2.7	4823	US-08-457-254-5	Sequence 5, Appl1
29	163.6	2.7	4823	US-08-484-257-20	Sequence 20, Appl1
30	163.6	2.7	4823	US-08-999-927-5	Sequence 5, Appl1
31	163.6	2.7	4823	PCR-US94-08606-28	Sequence 28, Appl1
32	163.6	2.7	4823	PCR-US95-01829-5	Sequence 5, Appl1
33	163.6	2.7	4823	PCR-US95-16626-5	Sequence 5, Appl1
34	163.2	2.6	3035	US-08-726-725-2	Sequence 2, Appl1
35	162.6	2.6	2002	US-08-715-202A-3	Sequence 3, Appl1
36	162.4	2.6	2477	US-08-429-742-1	Sequence 1, Appl1
37	162.2	2.6	7676	US-08-451-777A-7	Sequence 7, Appl1
38	162.2	2.6	7676	US-08-451-778A-7	Sequence 7, Appl1
39	162.2	2.6	7676	US-08-998-208-7	Sequence 7, Appl1
40	162.2	2.6	7676	PCR-US95-06743-7	Sequence 7, Appl1
41	161.6	2.6	246240	US-08-724-394A-20	Sequence 20, Appl1
42	161.6	2.6	246240	US-08-724-394A-21	Sequence 21, Appl1
43	161.6	2.6	246240	US-08-724-394A-22	Sequence 22, Appl1
44	160.8	2.6	3011	US-07-821-716-1	Sequence 1, Appl1
45	160.6	2.6	176373	US-09-128-155-17	Sequence 17, Appl1

ALIGNMENTS

RESULT 1
US-08-645-900A-2
; Sequence 2, Application US/08645900A
; Patent No. 5849879
; GENERAL INFORMATION:
; APPLICANT: NGUYEN, THAI D.
; APPLICANT: POLANSKY, JON R.
; APPLICANT: HUANG, WEIDONG
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
; TITLE OF INVENTION: GLAUCOMA
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVE., N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/645,900A
; FILING DATE: 14 MAY 1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: MARSH, DAVID
; REGISTRATION NUMBER: 41,408
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1999 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-645-900A-2

Query Match 10.4% Score 640.4: DB 3: Length 1999;
Best Local Similarity 99.8% Pred. No. 1.5e-147;
Matches 641: Conservative 0: Mismatches 1: Indels 0: Gaps 0:
OY 5301 agagcttcacagagagcctcagctcgtcaggttcctcgtcagcttc
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Db 1 AGACCTTCCAGAGAAAGCTTACCAACCTCTGCAATGAGTTCTTGTGACGTTTC 60
Oy 5361 tgcagcttgggcttgagatccagctgtccagctgctgcttgcgctgctgctgctg 5420
Db 61 TGCAGCTTGGGCTTGAGATGCTGAGCTTCCAGCTGCTGCTTCTGCTGCTGCTGCTG 120
Oy 5421 gatgtggggcagagacagctcagctcagagaaagcacaatgacagagctgctgctg 5480
Db 121 GATGTGGGGGCGACAGACGCTCAGCTCAGAGAAAGGCAATGACAGAGTGGCGAATGCCAG 180
Oy 5481 tatacctcagltgtgagcagctcccaatgaatccagctgtccagagcagagccagctg 5540
Db 181 TATACCTTCACTGTGGCCAGTCCCAATGATCCAGCTCCAGAGACAGAGCCAGCCATG 240
Oy 5541 tcagtcacccaacttaactcagagagacagcagcagcagcagcagcagcagcagcagc 5600
Db 241 TCAGTCACTTCACTTAACTTACAGAGACAGACAGACCCAGCTTACAGCTTGAAGGCCACC 300
Oy 5601 aaagctcagactcagctcctctgagagcctcctcagcagcagcagcagcagcagcag 5660
Db 301 AAAGCTGACACAGCTCCTCGAGAGCTCCTCCTCAGCAATGACCTTGGACCAAGCTGCC 360
Oy 5661 aggcgccagagacagcagagagcgtcagagagagcgtcagagcagcagcagcagcag 5720
Db 361 AGGCCCCAGAGACCCAGAGAGGCGCTCAGAGGCGAGCTGGCCACCTGAGCGGAGCGG 420
Oy 5721 gaccagctcagagaaacccagagagagcttgagagagctcagagagcagcagcagcag 5780
Db 421 GACCACTTGGAACCCAGAGAGAGAGTGGAGACTGCTTACAGCACTTCTCCGAGAC 480
Oy 5781 aagtcagctcagagagagagagagagcagcagcagcagcagcagcagcagcagcagc 5840
Db 481 AAGTCAGTTCGAG 540
Oy 5841 aggttgagagagcagcagcagagagagtagcagagcgtgagagagagcagctgtcc 5900
Db 541 AGGTTGGAAGACAG 600
Oy 5901 cgagacactgctgagcgtgtgcccagcagcagcagcagcagcagcagcagcagc 5942
Db 601 CGAGACACTGCTGGGCTGTGCTCCACAGGCTCCAGAGAGAGTT 642

RESULT 2
US-08-882-238A-2
Sequence 2, Application US/08882238A
Patent No. 5834415
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
TITLE OF INVENTION: GLAUCOMA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOMER & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,238A
FILING DATE: 25 JUNE 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SRO ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-882-238A-2

Query Match 10.4%; Score 640.4; DB 3; Length 1999;
Best Local Similarity 99.8%; Pred. No. 1,5e-147;
Matches 64; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5301 agagcttccagagagagcctcagcagcagcagcagcagcagcagcagcagcagcag 5360
Db 1 AGACCTTCCAGAGAAAGCTTACCAACCTCTGCAATGAGTTCTTGTGACGTTTC 60
Oy 5361 tgcagcttgggcttgagatccagctgtccagctgctgcttgcgctgctgctgctg 5420
Db 61 TGCAGCTTGGGCTTGAGATGCTGAGCTTCCAGCTGCTGCTTCTGCTGCTGCTGCTG 120
Oy 5421 gatgtggggcagagacagctcagctcagagaaagcacaatgacagagctgctgctg 5480
Db 121 GATGTGGGGGCGACAGACGCTCAGCTCAGAGAAAGGCAATGACAGAGTGGCGAATGCCAG 180
Oy 5481 tatacctcagltgtgagcagctcccaatgaatccagctgtccagagcagagccagctg 5540
Db 181 TATACCTTCACTGTGGCCAGTCCCAATGATCCAGCTCCAGAGACAGAGCCAGCCATG 240
Oy 5541 tcagtcacccaacttaactcagagagacagcagcagcagcagcagcagcagcagcagc 5600
Db 241 TCAGTCACTTCACTTAACTTACAGAGACAGACAGACCCAGCTTACAGCTTGAAGGCCACC 300
Oy 5601 aaagctcagactcagctcctctgagagcctcctcagcagcagcagcagcagcagcagcag 5660
Db 301 AAAGCTGACACAGCTCCTCGAGAGCTCCTCCTCAGCAATGACCTTGGACCAAGCTGCC 360
Oy 5661 aggcgccagagacagcagagagcgtcagagagagcgtcagagcagcagcagcagcag 5720
Db 361 AGGCCCCAGAGACCCAGAGAGGCGCTCAGAGGCGAGCTGGGCCACCTGAGCGGAGCGG 420
Oy 5721 gaccagctcagagaaacccagagagagcttgagagagctcagagagcagcagcagcag 5780
Db 421 GACCACTTGGAACCCAGAGAGAGAGTGGAGACTGCTTACAGCACTTCTCCGAGAC 480
Oy 5781 aagtcagctcagagagagagagagcagcagcagcagcagcagcagcagcagcagcag 5840
Db 481 AAGTCAGTTCGAG 540
Oy 5841 aggttgagagagcagcagcagagagtagcagagcgtgagagagagcagctgtcc 5900
Db 541 AGGTTGGAAGACAG 600
Oy 5901 cgagacactgctgagcgtgtgcccagcagcagcagcagcagcagcagcagcagc 5942
Db 601 CGAGACACTGCTGGGCTGTGCTCCACAGGCTCCAGAGAGAGTT 642

RESULT 3
US-08-667-790A-2
Sequence 2, Application US/08667790A
Patent No. 5861497
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
TITLE OF INVENTION: GLAUCOMA
NUMBER OF SEQUENCES: 3

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: HOMER & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/667,790A
FILING DATE: 21 JUNE 1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-667-790A-2

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Query Match 10.4%; Score 640.4; DB 3; Length 1999;

Best Local Similarity 99.8%; Pred. No. 1.5e-147; Matches 641; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 5301 agaggttcagaaggaagcctcaccagagcctctgcaatgaggttctctctgtgacgttgc 5360
DB 1 AGAGCTTCCAGAGGAAGCCTCACCAAGCCTCTGCAATGAGGTTCTTGTGGCAGCTTGC 60
QY 5361 tgaagcttggccttgagatgcagctgtctcagctgtctgtcttctgacctgtgtgtg 5420
DB 61 TGCAGCTTGGGCGCTGAGATGCCAGCTGTCCAGCTGCTGCTGCTGCTGCTGCTGCTG 120
QY 5421 gatctggggccagagacagctcagctcagaagaagccaatgacagagttggccgtatgc 5480
DB 121 GATGTGGGGCCAGAGACAGCTCACCTCAGGAAGGCCAATGACCAAGATGGCGGATGCCAG 180
QY 5481 tataacctgagtgctgagcagctcccaatgaaatccagctgtccccaagagcagagccagctg 5540
DB 181 TATACCTTCAGTGTGGCAGTCCCAATGAATCCAGCTGCCAGAGCCAGGCCATG 240
QY 5541 tcaatccataaactatacagagagagacagacagcccaacgcttagaactgtgagggcacc 5600
DB 241 TCAATCATCATTAATCAAGAGAGACAGACAGCCCAAGCCTTAGACCTGAGAGCCACC 300
QY 5601 aaagcttgactcagctccctctggagagcctcctccaatgacacctggagacaggtgc 5660
DB 301 AAAGCTTGACTCAGCTCCCTGGAGAGCCTCTCCACCAATTGACCTTGGACCAAGCTGCC 360
QY 5661 agggcccaagagacccagagaggggctcagaagagagcttggccaccctcgagagcggaac 5720
DB 361 AGGCCCCAGAGGAGCCAGAGAGGGGCTCGAGAGGAGCTGGGCACTTGAAGCGGAGCGG 420
QY 5721 gaccagcttgaaacccaacacagagagcttgagagactgctcaacgcaacctctccgagac 5780
DB 421 GACACAGCTGGAACCCAAACACAGAGAGTGGAGACTGCTACACCAACCTCTCCGAGAC 480
QY 5781 aagtcagctctgagagagagagagagacgactaagcagaagaaatgagaaatctgccaag 5840
DB 481 AAGTCAGCTTCTGAGAGAGAGAAAGAACGACTAAGGCAAGAAATGAGAAATCTGGCCAGG 540
QY 5841 aggttgtaagagcagcagcagagaggttagcgaaggtctgagaaggggccaagtgtccccaagc 5900

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DB 541 AGGTGAAAGCAGACGCCAGGAGGTAGCAAGCTGAGAAAGGGCCAGTGTCCCAAGACC 600
QY 5901 cgaagacacgtctgggctgtgtccaccagagctcagaagaagt 5942
DB 601 CGAGACACTGCTGTGGGCTGTGTCACCAAGGCTCCAGAGAAAGTT 642

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RESULT 4

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US-08-791-347-1
Sequence 1, Application US/08791347
Patent No. 5885776
GENERAL INFORMATION:
APPLICANT: Stone, Edwin M.
APPLICANT: Sheffield, Val C.
APPLICANT: Alward, Wallace L.M.
TITLE OF INVENTION: GLAUCOMA COMPOSITIONS AND THERAPEUTIC
TITLE OF INVENTION: AND DIAGNOSTIC USES THEREFOR
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/791,347
FILING DATE: 30 JAN-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-010.26
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-7000
TELEFAX: 617-832-1000
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1985 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-791-347-1

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Query Match 10.4%; Score 638.8; DB 3; Length 1985;

Best Local Similarity 95.9%; Pred. No. 3.6e-147; Matches 655; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

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QY 5299 gcagagcttccagagagaacccctcaccaagcctctgcaatgaggttcttctgtgacgtt 5358
DB 30 GNAAGCTTTCAGAGAGAACCTTCACCAAGCCTCTGCAATGAGAGTTCTTGTGACAGTT 89
QY 5359 gctgcaagcttgggacctgagaaatccagagctgtccagctgtctgtcttggcctgtgtgt 5418
DB 90 GCTTCAGCTTGGGCGCTGGAATGCAAGCTGTCCAGCTGCTGCTTGGCTGCTGTGT 149
QY 5419 ggaatgtggggccagagacagctcagctcagaagagccaaatgacagagttgacgatgcc 5478
DB 150 GGGATGTGGGGCCAGACAGCTCAGCTCAGAAAGCCCAATGACCAAGAGTGCGCATGCC 209
QY 5479 agctatacctcagtggtggccaagtcaccaatgaaatccagctgtgcccagagggcagaagcca 5538
DB 210 AGTATACCTTCACTGTGGCCAGTCCCAATGCAATGCAATGCAATGCAATGCAATGCAATG 269
QY 5539 tgtcagtcatacctaactacagagagacagcagccaccaagcgttagacctgtgagagcca 5598

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SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882.238A
FILING DATE: 25 JUNE 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1512 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-882-238A-3

Query Match 9.8%; Score 604.4; DB 3; Length 1512;
Best Local Similarity 99.8%; Pred. No. 8.6e-139;
Matches 605; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5337 atgaggtctctctgcaagcttgcagccttgggagctgagatgccaagctgccaagctg
Db 1 ATGAGGTTCTTCTGTGCAGCTTGCTGCAGCTTTGGGCTTGAGATGCCAGCTGTCCAGCTG 60
Oy 5397 ctgctcttgagcctgctggtgtgtggaatgtgtgggagccagagacagctcagagagcc 5456
Db 61 CTGCTTCTGCGCTGCTGCTGTGTGGATGTGGGGCCAGAGACAGCTCAGCTCAGGAAGGCC 120
Oy 5457 aatgaccagatgtgcccagatataccttcaatgtgtgccaagtcccaatgaatcagc 5516
Db 121 AATGACCAAGAGTGGCCGATGATACCTTCAGTGTGGCCAGTCCCAATGAATCCAGC 180
Oy 5517 tggccagagcagagcagagcagatgcatcatcctaacttaactcaagaagagagagcagc 5576
Db 181 TGCCAGAGCAGAGCCAGGCCATGTCACTCATTAATTACAGAGACAGAGCAGCACC 240
Oy 5577 caagccttagaaccttgagagccacaaagctcagctcagctcctctgagagcctcctcac 5636
Db 241 CAAGCCTTAGACTTGAGAGCCACAAAGCTCGACTCAGCTCCCTGAGAGCCTCCCTCCAC 300
Oy 5637 caattgaccttgagcagagctgtgccaagcccaagagagaccagagagagctgcaagagag 5696
Db 301 CAATTGACCTTGAGACAGGCTGCCAGGCCCCAGAGACCCAGAGAGGCTGCGAGAGGAG 360
Oy 5697 ctgggcaaccctgagcggagagcgagagcagctggaaacccaaacccagagagctgagact 5756
Db 361 CTGGGCAACCTTAGGGGGAGGGGAGCCAGCTGGAAACCCAAACCGAGAGTTGGAGCT 420
Oy 5757 gctcagcagaaacctctcctcgagagacagtcagttctgagagagagagagagactaaag 5816
Db 421 GCTTACAGCAACTCTCTCCGAGACAAGTCTCTGAGAGAGAGAGAGAGAGACTAAAG 480
Oy 5817 caagaataatgagaatctgagcagagaggttggaagcagcagcagagagagtagcaagagctg 5876
Db 481 CAAGAATAATGAGAATCTGCGCCAGAGGTTGGAAAGCAGCAGCAGAGAGAGTACCAAGGCTG 540
Oy 5877 agaaagggcagatgtccccaagagcagagacagctgctggagctgtgccaagagctcaca 5936
Db 541 AGAAAGGGCAGATGTCTCCAGAGCCGAGACCTGCTGGGGCTGTGCGACCCAGAGGCTCAGA 600
Oy 5937 gaaggt 5942
Db 601 GAAGTT 606

RESULT 7
US-08-667-790A-3
Sequence 3, Application US/08667790A

Patent No. 5861497
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
TITLE OF INVENTION: GLAUCOMA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 21 JUNE 1996
APPLICATION NUMBER: US/08/667,790A
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1512 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-667-790A-3

Query Match 9.8%; Score 604.4; DB 3; Length 1512;
Best Local Similarity 99.8%; Pred. No. 8.6e-139;
Matches 605; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5337 atgaggtctctctgcaagcttgcagccttgggagctgagatgccaagctgccaagctg
Db 1 ATGAGGTTCTTCTGTGCAGCTTGCTGCAGCTTTGGGCTTGAGATGCCAGCTGTCCAGCTG 60
Oy 5397 ctgctcttgagcctgctggtgtgtggaatgtgtgggagccagagacagctcagagagcc 5456
Db 61 CTGCTTCTGCGCTGCTGCTGTGTGGATGTGGGGCCAGAGACAGCTCAGCTCAGGAAGGCC 120
Oy 5457 aatgaccagatgtgcccagatataccttcaatgtgtgccaagtcccaatgaatcagc 5516
Db 61 CTGCTTCTGCGCTGCTGCTGTGTGGATGTGGGGCCAGAGACAGCTCAGCTCAGGAAGGCC 120
Oy 5517 tggccagagcagagcagagcagatgcatcatcctaacttaactcaagaagagagagcagc 5576
Db 121 AATGACCAAGAGTGGCCGATGATACCTTCAGTGTGGCCAGTCCCAATGAATCCAGC 180
Oy 5577 caagccttagaaccttgagagccacaaagctcagctcagctcctctgagagcctcctcac 5636
Db 181 TGCCAGAGCAGAGCCAGGCCATGTCACTCATTAATTACAGAGACAGCAGCACC 240
Oy 5637 caattgaccttgagcagagctgtgccaagcccaagagagaccagagagagctgcaagagag 5696
Db 301 CAATTGACCTTGAGACAGGCTGCCAGGCCCCAGAGACCCAGAGAGGCTGCGAGAGGAG 360
Oy 5697 ctgggcaaccctgagcggagagcgagagcagctggaaacccaaacccagagagctgagact 5756
Db 361 CTGGGCAACCTTAGGGGGAGGGGAGCCAGCTGGAAACCCAAACCGAGAGTTGGAGCT 420
Oy 5757 gctcagcagaaacctctcctcgagagacagtcagttctgagagagagagagagactaaag 5816

Db 421 GCGTACAGCAACCTCTCCGAGACAGTCTGAGAGAAAGAAAGCACTAAG 480
QY 5817 caagaataatgaatctggtccagagagttggaagcagccaggggtagcaagctg 5876
Db 481 CAAGAAATAGATGATCTGGCCAGAGAGTTGCAAGCAGCAGGAGTAGCAAGGCTG 540
QY 5877 agaagggccagtggtcccgagaccgagacatgctcggggtgtgtccaccaggtccaga 5936
Db 541 AGAAGGGGCCAGTGTCCCGAGACCCGAGACACTGCTGGGCTGTGCCACCAAGCTCCAGA 600
QY 5937 gaaggt 5942
Db 601 GAAGTT 606

RESULT 8
US-08-791-347-2
Sequence 2, Application US/08791347
Patent No. 5885776
GENERAL INFORMATION:
APPLICANT: Stone, Edwin M.
APPLICANT: Sheffield, Val C.
APPLICANT: Alward, Wallace L.M.
TITLE OF INVENTION: GLAUCOMA COMPOSITIONS AND THERAPEUTIC
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HONG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/791,347
FILING DATE: 30-JAN-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-010.26
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1509 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-791-347-2

Query Match 9.8%; Score 601.8; DB 3; Length 1509;
Best Local Similarity 95.8%; Pred. No. 3,7e-138;
Matches 618; Conservative 0; Mismatches 27; Indels 0; Gaps 0;

QY 5337 atgaagttctctgtgcaagttctgcaagttctgggctgaagatgccaagctgtccagctg 5396
Db 1 ATGAGGTTCTTCTGTGACCTTCTCCAGCTTGGGCTGAGATGCCAGCTGTCCAGCTG 60
QY 5397 ctgctctggccggcgggtgtggagtggtggggcgaagagcaactaagctcaagaagggc 5456
Db 61 ctgcttctggcctgcttgggtgtggagtggtggggcgaagagcaactaagctcaagaagggc 120
QY 5457 aatgaccagagtggtgcagatgccaatatacttcaagtgtggtccagctcccaatgaatcagc 5516

Db 121 AATGACACAGAGTGCGCGATCCAGTATACCTTGAGTGTGGCCAGTCCCATGATCAG 180
QY 5517 tgcacagagcagagccagagccatgtcaagtcatacctaacttaagagagacagcagacc 5576
Db 181 TGCCAGAGCAGAGCCAGGCGCATGTGATCATTAATTACAGAAAGCAGACAGCACC 240
QY 5577 caacgcttaagcttgtagggccaccaaagctcgactagctcccttgtagagagctccaccac 5636
Db 241 CAACGCTTAACCTTGAGAGCCACCAAAAGCTCGACTAGCTCCTGGAGAGCTTCTCCAC 300
QY 5637 caatgaccttgtagcagagctgccaagccccaagagagaccagaggggtctgcagaagag 5696
Db 301 CAATTGACCTTGAGACAGGCTGCCAGGCCCCAGAGAGACCAGAGGGGCTGCAGAGGAG 360
QY 5697 ctggcacccttgagggcgaggagccagctgtagaaccacacagaggttgtagact 5756
Db 361 CTGGGACCTTGAGGGGGGAGCGGACAGCTGGAAACCAACAGAGATTGGAGACT 420
QY 5757 gctacagcaacctctctcagagcaagtcagttctgtagaagagagagagcagcactaag 5816
Db 421 GCGTACAGCAACCTCTCCGAGACAGTCACTGTGAGAGAGAGAGAAAGCAGCACTAAG 480
QY 5817 caagaataatgaatctggtccagagagttggaagcagcagccagagagtgagcaagctg 5876
Db 481 CAAGAAATAGATGATCTGGCCAGAGAGTTGAAACAGCAGCAGGAGGATGACCAAGGCTG 540
QY 5877 agaagggccagtggtcccgagaccgagacatgctcggggtgtgtccaccaggtccaga 5936
Db 541 AGAAGGGGCCAGTGTCCCGAGACCCGAGACACTGCTGGGCTGTGCCACCAAGCTCCAGA 600
QY 5937 gaagtaagaatgacagatgtggggagactctgaatcagcaggtga 5981
Db 601 GAAGTTCTACGTGATTTGACACTTTGGCCTTCAGAGACTGA 645

RESULT 9
PCT-US95-14024-2
Sequence 2, Application PC/TUS9514024
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF GLAUCOMA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/14024
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1968 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear

```

; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; IMMEDIATE SOURCE:
; CLONE: TIGR
;
PCT-US95-14024-2

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Query Match	9.0%;	Score 556.6;	DB 6;	Length 1968;
Best Local Similarity	94.6%;	Pred. No. 5.2e-127;		
Matches 609;	Conservative	0;	Mismatches 5;	Indels 30;
				Gaps 2

OY	5399	gcaaaagcttccaaaggaagccctcacaaagccctcgaatgagttctctcgtgaagtt	5358
Db	31	gnaagctttccaaaggaagaccctcaccaaagccctcgaatgagttctctcgtgaagtt	90
OY	5399	gctgcagccttggagcctcgaatgacagctgtgccagctgtctctcgtccgtgtgt	5418
Db	91	gctgcagccttggagcctcgaatgacagctgtgccagctgtctctcgtccgtgtgt	150
OY	5419	ggaggtgtggggggccaaagaaagcttcagctcgaagaaggaatgaaacagaggtggccgatgtgc	5478
Db	151	ggaggtgtggggggccaaagaaagcttcagctcgaagaaggaatgaaacagaggtggccgatgtgc	210
OY	5479	agataaaccttcagttgtgtgcagctgcccaatgaatcacaagctgtccaaagagaagcagagcca	5538
Db	211	agatnactcttcaagttgtgtgcagctgcccaatgaatcacaagctgtccaaagagaagcagagcca	270
OY	5539	tgtcagtcacatccataacttacaagagaagacagacacccaagctttagaacctgtgaagcca	5598
Db	271	tgtcagtcacatccataacttacaagagaagacagacacccaagctttagaacctgtgaagcca	330
OY	5599	ccaaagcttgacacacagctccctctgaaagaagctccctccacaatctgaaccttgaacgaagtg	5658
Db	331	ccaaagcttgacacacagctccctctgaaagaagctccctccacaatctgaaccttgaacgaagtg	390
OY	5659	ccaaagcccaagagaagcccaagagaagggctgcagaagggagctgtggacaccttgaagcggaagc	5718
Db	391	ccaaagcccaagagaagcccaagagaagggctgcagaagggagctgtggacaccttgaagcggaagc	420
OY	5719	ggagacacagcttggaaaaaccaaaaccagaagaagtttgaagaactgtcctacaagcaacctctccgag	5778
Db	421	ggagacacagcttggaaaaaccaaaaccagaagaagtttgaagaactgtcctacaagcaacctctccgag	480
OY	5779	acaaagtcagttcttggagaagaagaagaacgcacataagcagaagaataatgaaatctgtggcca	5838
Db	481	acaaagtcagttcttggagaagaagaagaacgcacataagcagaagaataatgaaatctgtggcca	540
OY	5839	ggaaagtttggaaaagcagcagccaaagaggttagcaaaagctgtgaagaaggggcagatgtcccca	5898
Db	541	ggaaagtttggaaaagcagcagccaaagaggttagcaaaagctgtgaagaaggggcagatgtcccca	600
OY	5899	ccgagaagacactgctcgggctgtgtcccaaccagagctccagaagaagaagct	5942
Db	601	cccgagacactgctcgggctgtgtcccaaccagagctccagaagaagaagct	644

RESULT 10
US-08-336-235A-2
Sequence 2, Application US/08336235A
Patent No. 5606043
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WELDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF GLAUCOMA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWERY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US

```

21P: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,235A

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Query Match	9.08;	Score 556.6;	DB 1;	Length 1969;
Best Local Similarity	94.68;	Pred. No. 5.2e-127;		
Matches 609;	Conservative 0;	Mismatches 5;	Indels 30;	Gaps 2

QY	5299	gcgaagctttccacagaggaagcctccaccagaagcctctgcaatgagtgcttctctgtgaagct	5358
Db	31	GNMAGGCTTTCCAGAGGAACCTCTCACCAAGCCCTCTGCATAGAGTTCTTCTGTGCACGTT	90
QY	5359	gctcagaactcttgagcccgaaatctcagacgctccagctgtgactgtgactcttgagccctgcgagct	5418
Db	91	GCTGCACGCTTTGGGCGCTGAGATCCAGCTGTCCAGTGGTCTTGTGGCTTCTGCTGTGT	150
QY	5419	ggagatctgggggccaagagacagctcagctcaggaaggccaatgaccagaagtggccgaatgc	5478
Db	151	GGAGTGTGGGGCCAGAGCAGCTCAGCTCAGGAAGGCCAATGACCAGATGGCGATGCC	210
QY	5479	agttacacttcagtgctgagcagtcgcccaatggatccagctgcgcgcagagcagagccagccca	5538
Db	211	AGTTACCTTTCACTGTGGCCAGTCCCAATGAATCCAGCTGCCCAAGCAGACCGAGGCCA	270
QY	5539	tgtagctatccataacttaccagagagacagcagcccaacgctctaaagccctggagagcca	5598
Db	271	TGTATGTCATCCATACTTACAGAGAGACAGCAGCACCAGGCTTAAGCTTGGAGGCCA	330
QY	5599	ccaaagctcgaactcagctccctctggagaagcctcctccaccaatltgaccttgagaccagagctg	5658
Db	331	CCAAAGCTCAGACTCAGGTCCTCCGAGAGGCTCCTCCACCAATTGACCTTGACACAGGCTG	390
QY	5659	ccagagcccccagagagaccacagagagggctgcagagggagctgggcaacctcgagcgggagcg	5718
Db	391	CCAGG - CCCAGGAGACCCAA - ----- GAAGCGGGAGG	420
QY	5719	ggagcagcagctggagaaacccaacacagagaglttgagacctgctccacagcaacccctcccgag	5778
Db	421	GGGACACGCTGGAAACCCAAACCAAGAGTTGGAGAGCTCCTACAGCAACCTCTCCGAG	480
QY	5779	acaaagtcagttctggagagaaagagaaagcgcataagcgaagaaatgagaaatctgagcca	5838
Db	481	ACAAGTCAGTTCTGGAGAGAGAAAGCAAGCATAGCAAGCAAGAAATGAGATCTGGCCA	540
QY	5839	ggagagttcggaagacgagccagagaggtgacagagctgagaaaggggccagtgctcccccga	5899
Db	541	GGAGGTTGGAAACAGAGCGCAGAGAGTGGCAAGGCTGGAGAGGGGCGCAGTGTCCCACTA	600

Oy 5937 gaaggt 5942
|||
Db 571 GAAGTT 576

RESULT 14
PCT-US95-14024-3
Sequence 3, Application PC/TUS9514024
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF GLAUCOMA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/14024
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1491 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
IMMEDIATE SOURCE:
CLONE: TIGR coding sequence
PCT-US95-14024-3

Query Match 8.4%; Score 519.6; DB 6; Length 1491;
Best Local Similarity 94.4%; Pred. No. 5.3e-118;
Matches 572; Conservative 0; Mismatches 4; Indels 30; Gaps 2;

Oy 5337 atgaagttctctgtgacagttgtgacagcttgaggctgagatgacagctgtccagctg 5396
|||||
Db 1 ATGAGGTTCTCTGTGACAGTGTGTCACAGCTTGGGCTGAGATGCGACAGTGTCCAGCTG 60
Oy 5397 ctgcttctgagctgctgtgtgtggaatgtggggccagagacagcttcagctcgggaagcc 5456
|||||
Db 61 CTGCTTCTGTGGCTGCTGCTGTGTGGGATGTGGGGCCAGGACAGCTTCACTGAGGAAGGCC 120
Oy 5457 aatgaccagagtgagcagatgacatgacatgagtgagcagtgcccaatgaatccagc 5516
|||||
Db 121 AATGACCAAGTGTGGCGAGTACCTTACGTGTGCGCAGTCCCAATGATTCACG 180
Oy 5517 tggccagagcagagcagagcagatgcatcagtcacataactcagagagagcagcagcacc 5576
|||||
Db 181 TGCCGAGAGCAGAGCCAGGCAATGTCATCATCACTTACAGAGAGAGACAGACAGCAC 240
Oy 5577 caagccttagactgtagagccacccaagctgactgactcagctcccttgagagcctcccccac 5636
|||||
Db 241 CAACGCTTAGACTGTGAGGCCACCAAAAGCTCACTAGCTCCCTGTGAGAGCTCTCCAC 300

Oy 5637 caattgaccttgaccagagctgtccagggcccccagagaccagagagggctgcagagggag 5696
|||||
Db 301 CAATTGACCTTGACACAGGCTGCCAGG--CCGAGGAGACCCAG----- 341
Oy 5697 ctgggacccctgagcgaggagcgaggaaaccagcccaaccagagagcttggagact 5756
|||||
Db 342 -----GAGCGGGAGCGGGAGCCAGCTGGAACCCAAACGAGAGTTGGAGACT 390
Oy 5757 gctacagcaacctctctccgagacagtcagttctcggaggaagagaagaagcagactaag 5816
|||||
Db 391 GCTTACAGCAACCTCTCTCCGAGACAAGTCAAGTCTTGAGAGGAAGAGAAGCGACTAAG 450
Oy 5817 caagaataatgagaaatctgcccagagaggttggaagcagcagcagaggttagcagagctg 5876
|||||
Db 451 CAAGAAATGAGAAATCTGGCCAGAGAGTTGGAAACACACAGCAGCAGAGAGTAGCAAGCTG 510
Oy 5877 agaaagggcagctgtcccccagagcccgagaaactgtctggctgtccaccagggctccga 5936
|||||
Db 511 AGAAGGGCCAGTGTCCAGTACCGAGACACTGCTGGGCTGTCCACACAGCTCCAGA 570
Oy 5937 gaaggt 5942
|||
Db 571 GAAGTT 576

RESULT 15
US-08-791-347-15
Sequence 15, Application US/08791347
Patent No. 5885776
GENERAL INFORMATION:
APPLICANT: Stone, Edwin M.
APPLICANT: Sheffield, Val C.
APPLICANT: Alward, Wallace L.M.
TITLE OF INVENTION: GLAUCOMA COMPOSITIONS AND THERAPEUTIC
TITLE OF INVENTION: AND DIAGNOSTIC USES THEREFOR
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELLIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/791,347
FILING DATE: 30-JAN-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-010.26
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-791-347-15

Query Match 3.3%; Score 204; DB 3; Length 643;
Best Local Similarity 97.9%; Pred. No. 8.6e-41;
Matches 229; Conservative 0; Mismatches 0; Indels 5; Gaps 2;

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Oy 5941 gtaagaatgcagagtcgggggaactctgaagttcagcaggtgatatggctcgtaagtacctg 6000
    |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 1 gtaagaaatcagagtcgggggaactctgaagttcagcaggtgatatggctcgtaagtacctg 60
Oy 6001 ctacaggcgcctccagggctc---cctggcccttctcctlagagactgcacagctagacaca 6056
    |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 61 ctacaggcgcctccagggctc---cctggcccttctcctlagagactgcacagctagacaca 120
Oy 6057 agacagatgaattaaagaaagcaca-cgattcaccttcaagtaattactagtaattagctc 6115
    |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 121 agacagatgaattaaagaaagcaca-cgattcaccttcaagtaattactagtaattagctc 180
Oy 6116 ctgagagcttcaattagatagtggttcagaggttcttgccccctccatgctcag 6169
    |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 181 ctgagagcttcaattagatagtggttcagaggttcttgccccctccatgctcag 234

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Search completed: December 3, 2000, 19:00:01
 Job time: 41727 sec

